

## INTERNATIONAL SEARCH REPORT

International application No.  
PCT/KR2004/000537

**A. CLASSIFICATION OF SUBJECT MATTER****IPC7 A61F 5/04, A61F 13/14, A61F 5/02, A61F 5/00**

According to International Patent Classification (IPC) or to both national classification and IPC

**B. FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

IPC7 A61F 5/00, 5/02, 5/03, 5/04, 13/14

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched  
 Korean patents and applications for inventions since 1975  
 Korean utility models and applications for utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)  
 KIPASS, CA

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,980,560 A (Chang) 09 November 1999 (09-11-1999) See the whole document	1-6
A	US 4,703,750 A (Sebastian et al.) 03 November 1987 (03-11-1987) See the whole document	1-6
A	JP 08-191850 A (GUNZE LTD.) 30 July 1996 (30-07-1996) See the whole document	1-6
A	JP 08-71094 A (Ayukawa Hirosh) 19 March 1996 (19-03-1996) See the whole document	1-6
A	KR 10-298328 B1 (Chae Jun Suk) 28 August 2002 (28-08-2002) See the whole document	1-6
A	KR 10-142202 B1 (Chang Ik Chun) 27 March 1998 (27-03-1998) See the whole document	1-6
A	KR 2000-73327 A (Nuri Zone Ltd.) 05 December 2000 (05-12-2000) See the whole document	1-6

Further documents are listed in the continuation of Box C.

See patent family annex.

- \* Special categories of cited documents:
- "A" document defining the general state of the art which is not considered to be of particular relevance
- "E" earlier application or patent but published on or after the international filing date
- "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of citation or other special reason (as specified)
- "O" document referring to an oral disclosure, use, exhibition or other means
- "P" document published prior to the international filing date but later than the priority date claimed

- "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
- "&" document member of the same patent family

Date of the actual completion of the international search

13 AUGUST 2004 (13.08.2004)

Date of mailing of the international search report

13 AUGUST 2004 (13.08.2004)

Name and mailing address of the ISA/KR

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**INTERNATIONAL SEARCH REPORT**

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PCT/KR2004/000537

**C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	KR 2000-66548 A (Chang Ik Chun) 15 November 2000 (15-11-2000) See the whole document ---	1-6

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**Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)**

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1.  Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:
  
2.  Claims Nos.: 7-11  
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:  
Claims 7-11 are considered to lack clarity, contrary to the requirement of PCT Rule 6.3(b), since they do not contain all the technical features essential to the definition of the wrinkled band. Moreover, they are not supported by the description as required by PCT Article 6, as their scope is broader than justified by the description and drawings.
3.  Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

**Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)**

This International Searching Authority found multiple inventions in this international application, as follows:

- 1) Claims 1-6 are directed to a manufacturing method for a wrinkled band.
  - 2) Claims 7-10 are directed to a wrinkled band comprising a protection pad wing combined with the border frame of the wrinkled band by needlework.
  - 3) Claims 11 is directed to a wrinkled band formed incision parts on the border frame of the wrinkled band.
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1.  As all required additional search fees were timely paid by the applicant, this international search report covers all searchable claims.
  2.  As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any addition fee.
  3.  As only some of the required additional search fees were timely paid by the applicant, this international search report covers only those claims for which fees were paid, specifically claims Nos.:
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4.  No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

**Remark on Protest**

- The additional search fees were accompanied by the applicant's protest.  
 No protest accompanied the payment of additional search fees.

**INTERNATIONAL SEARCH REPORT**  
Information on patent family members

International application No.  
PCT/KR2004/000537

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 5,980,560 A	09-11-1999	EP 864308 A1 CN 1192885 A JP 2911437 B2	16-09-1998 16-09-1998 23-06-1999
US 4,703,750 A	03-11-1987	NONE	
JP 08-191850 A	30-07-1996	NONE	
JP 08-71094 A	19-03-1996	NONE	
KR 10-298328 B1	28-08-2002	NONE	
KR 10-142202 B1	27-03-1998	NONE	
KR 2000-73327 A	05-12-2000	NONE	
KR 2000-66548 A	15-11-2000	NONE	